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FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS OF APPLICANT'S INFORMATION DISCUSSIONE STATEMENT (Use several sheets if necessary)

Attorney Docket No.: 16770-004400US Application No.: 09/812,755

Applicant: Joseph P. Loeffler

Filing Date: March 20, 2001 Group: 3761

	rence Desig	Use several sheets		S. PATENT DOCUMENTS			Dogg 1
	Examiner Initial Document No. Date			Name	Class	Sub-class	Page 1 Filing Date
	7				\		(If Appropriate)
	AA	2,101,304	12/37	Wright	120	50	
14	AB	2,158,615	05/39	Wright	120	50	
	AC	2,187,528	01/40	Wing	120	50	·
	AD	2,223,541	12/40	Baker	120	50	
	AE	2,266,706	12/41	Fox et al.	128	173	
_	AF	2,283,333	05/42	Martin	120	50	
	AG	2,292,381	08/42	Klagges	120	50	
	AH	2,360,297	10/44	Wing	120	52	
	AI	2,375,770	05/45	Dahlberg	120	52	
	AJ	2,404,063	07/46	Healy	120	51	
	AK	2,430,023	11/47	Longmaid	120	52	
	AL	2,474,996	07/49	Wallis	120	52	
<u> </u>	AM	2,512,004	06/50	Wing	120	52	
<u></u>	AN	2,521,657	09/50	Severy	120	50	
	AO	2,779,623	03/51 01 1957	Eisenkraft	299	1	
	AP	2,681,041	06/54	Zodtner et al.	120	50	
)[	AQ	2,935,970	05/60	Morse et al.	120	52	
	AR	3,411,854	11/68	Rosler et al.	401	227	
	AS	3,558,052	01/71	Dunn	293	3	
	_AT	3,738,574	06/73	Guntersdorfer et al.	239	102	
	AU	3,790,079	02/74	Berglund et al.	239	3	
	AV	3,804,329	04/74	Martner	239	4	
	AW	3,812,854	05/74	Michaels et al.	128	194	
<u> </u>	_AX	3,950,760	04/76	Hse-dore Stromberger et al.	346	140	
<b>\</b>	AY	3,958,249	05/76	DeMaine et al.	346	1	
	_ AZ	3,983,740	10/76	Danel	73	12	
	_BA	3,993,223	11/76	Welker, III et al.	222	107	
	BB	4,005,435	01/77	Lundquist et al.	346	1	
	#BC	Des. 246,574	12/77	Meierhoefer	D9	67	
1	BD	4,119,096	10/78	Drews	128	194 / l	
X	BE	Des. 249,958	10/78	Meierhoefer	D24	56	

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FORM	M PTO-14	149 (Modified)	UEC 0 9 2001	Attorney Docket No.: 1677	70-004400US	Application No.: 09/812,75
LIST	OF PATE	ENTS AND PUBE SINFORMATION	CATIONS FOR	Applicant: Joseph P. Lo	effler	
STAT	EMENT	Use several sheet	s if necessary)	Filing Date: March 20, 200	)1	Group: 3761
1	CN_	4,620,201	10/86	Heinzl et al.	346	140 R
	_CN	4,628,890	12/86	Freeman	123	593
$\perp$	_co	4,632,311	12/86	Nakane et al.	239	101
	_ CP	4,659,014	04/87	Soth et al.	239	102.2
_	_cq	4,681,264	07/87	Johnson Jr.	239	589.1
	_ CR	4,702,418	10/87	Carter et al.	239	101
$\perp$	_cs	4,722,906	2/88	Guire	436	501
_	_CT	4,753,579	06/88	Murphy	417	322
	_CU	4,790,479	12/88	Matsumoto et al.	239	102.2
_	_cv	4,793,339	12/88	Matsumoto et al.	128	200.16
	_ CW	4,796,807	01/89	Bendig et al.	239	102.2
	CX	4,799,622	01/89	Ishikawa et al.	239	102.2
	CY	4,826,759	05/89	Guire et al.	435	4
	CZ	4,828,886	05/89	Hieber	427	422
	DA	4,850,534	07/89	Takahashi et al.	239	102.2
	DB	4,865,006	09/89	Nogi et al.	123	590
	DC	4,877,989	10/89	Drews et al.	310	323
	DD	4,888,516	12/89	Daeges et al.	310	323
	DE	4,968,299	11/1990	Ahlstrand et al	604	90
	_DF	4,973,493	11/90	Guire	427	2
	_DG	Des. 312,209	11/90	Morrow et al.	D9	371
	_DH	4,976,259	12/90	Higson et al.	128	200.18
	_ bi	4,979,959	12/90	Guire	623	66
	_bı	4,994,043	02/1991	Ysebaert	604	191
	_bĸ	5,002,582	03/91	Guire et al.	623	66
	_bl	5,021,701	06/91	Takahashi et al.	310	345
	DM	5,063,396	11/91	Shiokawa et al.	346	140 R
	DN	5,063,922	11/91	Hakkinen	128	200.16
	DO	5,073,484	12/91	Swanson et al.	435	7.92
	DP	5,076,266	12/91	Babaev	128	200.16
	DQ	5,080,649	01/1992	Vetter	604	91
	_/DR	5,115,803	05/92	Sioutas	128	200.23

torney Docket No.: 16770-004400US FORM PTO-1449 (Modified) Application No.: 09/812,755 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISC. Applicant: Joseph P. Loeffler Filing Date: March 20, 2001 Group: 3761 STATEMENT (Use several sheets if necessary) DI 5,139,016 08/92 128 200.16 Waser DU 5,152,456 10/92 Ross et al. 239 102.2 DV 5,164,740 11/92 Irvi 346 1.1 DW 5,170,782 12/92 Kocinski 128 200.15 DX 5,180,482 01/93 Abys et al. 205 224 DY 02/1993 Raghuprasad 128 200.14 5,186,164 DZ5,186,166 02/1993 Riggs et al. 128 203.15 EA 9 5,198,157 03/93 Bechet 264 EB 5,217,492 06/93 Guire et al. 623 11 EC 5,258,041 11/93 Guire et al. 623 66 ED 5,261,601 11/93 Ross et al. 239 102. EE 11/93 623 5,263,992 Guire 66 EF 03/94 Toda 239 102. 5,297,734 EG 04/94 Takahashi et al. 239 102. 5,299,739 EΗ 25 05/94 Takashashi et al. 446 5,312,281 ΕI 5,320,603 06/1994 Vetter et al 604 82 5,342,011 08/94 Short 248 318 EJ EK 5,347,998 09/94 Hodson et al. 128 200.2B EL 5,414,075 05/95 Swan et al. 568 333 EM 5,415,161 05/95 128 200.23 Ryder **EN** 5,431,155 07/95 Marelli 128 200.14 EO 07/95 200.16 5,435,282 Haber et al. 128 **EP** 5,452,711 09/95 Gault 128 200.14 D9 EQ Des. 362,390 09/95 Weiler 520 ER Patton et al. 200.14 5,458,135 10/95 128 ES 402.2 5,477,992 12/95 Jinks et al. 222 ET 200.16 5,487,378 01/96 Robertson et al. 128 EU 82 02/96 604 5,489,266 Grimard EV 5,512,329 04/96 Guire 427 508 **EW** 5,512,474 04/96 Clapper et al. 435 240.243 ĘΧ Des. 369,212 04/96 Snell D24 117 05/96 128 200.1 5,515,841 Robertson et al. etal 128 200.18 5,515,842 5/96

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FORM PTO-1449 (Modified CATIONS OR APPLICANT'S INFORMATION DATE: U 3 7401 W			ICATION SEOR	Applicant: Joseph P. Loeffler		Application No.: 09/812,75	
APPL STAT	ICANT'S EMENT	S INFORMATION (Use several sheet	s if necessary)	Filing Date: March 20, 2	001	Group: 3761	
	BF	4,159,803	07/79	Cameto et al.	239	102	
	BG	4,226,236	10/80	Genese	604	89	
	BH	4,226,236	10/1980	Genese	128	218M	
	BI	4,240,081	12/80	Devitt	346	75	
	BJ	4,261,512	04/81	Zierenberg	239	102	
	_BK	4,268,460	05/81	Boiarski et al.	261	1	
	BL	Des. 259,213	05/81	Pagels	D9	370	
	BM	4,294,407	10/81	Reichl et al.	239	102	
	BN	4,300,546	11/81	Kruber	128	200	
	ВО	4,301,093	11/81	Eck	261	1	
	BP	4,298,045	11/81	Weiler et al.	150	0.5	
	BQ	4,334,531	06/82	Reichl et al.	128	200.14	
	BR	4,336,544	06/82	Donald et al.	346	1.1	
	BS	4,338,576	07/82	Takahashi et al.	331	67	
	BT	4,368,476	01/83	Uehara et al.	346	140 R	
	BU	4,389,071	06/83	Johnson, Jr. et al.	299	14	
	BV	4,408,719	10/83	Last	239	102	
	BW	4,431,136	02/84	Janner et al.	239	102	
	BX	4,454,877	06/84	Miller et al.	128	200.21	
	BY	4,465,234	08/84	Maehara et al.	239	102	
	BZ	4,474,251	10/84	Johnson Jr.	175	67	
	CA	4,474,326	10/84	Takahashi	239	102	
	СВ	4,475,113	10/84	Lee et al.	346	1.1	
	СС	4,479,609	10/84	Maeda et al.	239	102	
	CD	4,530,464	07/85	Yamamoto et al.	239	102	
	CE	4,533,082	08/85	Maehara et al.	239	102	
	CF	4,539,575	09/85	Nilsson	346	140 R	
	CG	4,544,933	10/85 ·	Heinzl	346	140 R	
	СН	4,546,361	10/85	Brescia et al.	346	140 R	
	CI	4,550,325	10/85	Viola	346	140 R	
	Cì	4,591,883	05/86	Isayama	346	140 R	
	ÇK	4,593,291	06/86	Howkins	346	1.1	
A.	ÇĪ	4,605,167	08/86	Maehara	239	102	

FORM PTO-1449 (Modified) Attorney Docket No.: 16770-004400US Application No.: 09/812,755 LIST OF PATENTS AND PUBLICATION Applicant: Joseph P. Loeffler APPLICANT'S INFORMATION DISCLOSURE Filing Date: March 20, 2001 Group; 3761 STATEMENT (Use several sheets if necessary) 5,518,179 05/96 Humberstone et al. 239 102.2 FB 5,529,055 06/96 128 200.16 Gueret FC 5,533,497 07/96 200.21 Ryder 128 FD 10/96 180 5,563,056 Swan et al. 435 115 FE 11/96 D24 Des. 375,352 Bologna FF 200.21 5,579,757 12/96 McMahon et al. 128 FG 200.16 12/96 Ivri et al. 128 5,586,550 FH 5,601,077 02/97 Imbert 128 200.14 FI 06/97 435 6 5,637,460 Swan et al. FJ 5,654,007 08/97 Johnson et al. 424 489 FK 08/97 Guire et al. 435 5,654,162 7.92 FL 08/97 556 472 5,654,460 Rong FM 5,665,068 09/97 Takamura 604 90 FN 5,692,644 12/97 222 80 Gueyet FO 5,707,818 01/98 Chudzik et al. 435 7.93 FP 5,714,360 02/98 Swan et al. 435 174 FQ 5,714,551 02/98 Bezwada et al 525 411 FR Des. 392,184 03/98 Weiler D9 302 FS 5,744,515 04/98 Clapper 523 113 FT 200.16 5,758,637 06/98 Ivri et al. 128 FU 08/99 239 5,938,117 Ivri FV 239 5,954,268 09/99 Joshi et al. 34 FW 6,007,518 12/99 Kriesel et al. 604 131 FX 6,014,970 01/00 Ivri et al. 128 200.14 FY 427 6,045,874 04/00 Himes 424 FZ 6,085,740 07/0 Ivri et al. 128 200.16 GA 08/00 604 256 6,096,011 Trombley, III et al. 60A GB 6,106,504 08/00 Urrutia 251 GC 6,205,999 03/01 Ivri et al. 6,235,177 05/01 Borland et al. FOREIGN PATENT DOCUMENTS Document No. Class Sub-class Translation Date Country (Yes/No) 1,454,597 11/76 United Kingdom 0 049 636 A1 04/82 **EPO** 0 103 161 A2 03/84 **EPO** no

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ļ			Use several sheets i		Filing Date: March 20, 2001		Group: 3761	
ļ	4	GH	0 134 847 A1	03/85	EPO	•		
1		_GI	0 476 991 B1	03/15/95	EPO			
	$\overline{}$	GJ	0 542 723 A2	05/93	EPO			
	$\perp$	GK	973,458	10/64	Great Britain			
	$\dashv$	GL	57-23852	02/82	Japan			no
ĺ	$\exists$	GM	57-105608	07/82	Japan			no
ſ	4	GN	58-61857	04/83	Japan			no
		GO	58-139757	08/83	Japan	e		no
		GP	60-4714 (A)	01/85	Japan			
		GQ	61-8357 (A)	01/86	Japan	1		
		GR	61-215059 (A)	09/86	Japan			
		GS	2-135169	05/90	Japan			
		GT	2-189161	07/90	Japan	,		
		GU	WO 92/11050	07/92	PCT	4		
		GV	WO 92/07600	05/14/92	PCT			
		GW	WO 93/01404	01/93	PCT			
		GX	WO 96/09229	03/28/96	PCT			
		GY	WO 99/63946	12/99	PCT			
		GZ	GB 2 073 616 A	10/81	UK			
l		HA	GB 2 177 623 A	01/87	UK			
		HB	GB 2 240 494 A	08/91	UK			
		нс	GB 2 272 389 A	05/18/94	UK			
		HD	GB 2 279 571 A	01/11/95	UK	<u> </u>		
		HE	2 101 500	1/83	UK	4		
		HF	477 885	10/69	Switzerland	:		no
		HG	555 681	09/74	Switzerland			no
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	1) 1	HL			ent. Chapman and Hall pp. 16 rasonic Atomization Using a N		te. J. Acoust. Soc.	Jpn. (E) 6,1:21
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FORM PTO-144		Attorney Docket No.: 16770-004400US	Application No.: 09/812,755				
LIST OF PATE	NTS AND PUBLICATIONS FOR INFORMATION DISCLOSSINE	Applicant: Joseph P. Loeffler					
	Use several sheets if necessary)	Filing Date: March 20, 2001	Group: 3761				
AHM		Maehara, N., et al. Influence of the Vibrating System of a Multipinhole-plate Ultrasoic Nebulizer on Its Performance. Review of Scientific Instruments, 57 (11), November 1986, pp. 2870-2876.					
HN	HN Maehara, N., et al. Optimum Design Procedure for Multi-Pinhole-plate Ultrasonic Atomizer. Japanese Journal of Applied Physics, 26:215 (1987).						
НО	Ashgriz, N., et al. Development of	a Controlled Spray Generator. Rev. Sci. Instr	um. 58(7):1291 (1987).				
HP HP	Hikayama, H., et al. Ultrasonic At	omizer with Pump Function. Tech. Rpt. IEIC	E Japan US88-74:25 (1988).				
HQ	J. Acousticl Soc. Japan 44:2:116 (	1988).					
HR	J. Acoustical Soc. Japan 44:6:425	(1988).					
HS							
HT	HT TSI Incorporated product catalog. Vibrating Orifice Aerosol Generator (1989).						
HU	HU Gaiser Tool Company catalog, pp. 26, 29-30 (19).						
HV	HV Nogi, T., et al. Mixture Formation of Fuel Injection System in Gasoline Engine. Nippon Kikai Gakkai Zenkoku Taikai koenkai Koen Ronbunshu 69:660 (1991).						
HW	_ HW D.C. Cipolla et al., "Assessment of Aerosol Delivery systems for Recomvinant Human Deoxyribonuclease," S.T.P. Pharma Sciences 4 (1) 50-62, 1994						
НХ	HX D.C. Cipolla et al., "Characterization of Aerosols of Human Recombinant Deoxyribonuclease I (rhDNase) Generated by Jet Nebulizers," Pharmaceutical Research II (4) 491-498, 1994						
НҮ	I. Gonda, "Therapeutic Aerosols,"	Pharmaceutics, The Sci. of Dosage Form Desi	ign, M.E. Aulton, 341-358, 1988				
HZ HZ	HZ Anthony J. Hickey, "Pharmaceutical Inhalation Aerosol Technology," <u>Drugs And The Pharmaceutical Sciences</u> , (54) 172-173						
IA	J.A. Abys et al., "Annealing Behav	rior of Palladium-Nickel All Electrodeposits,"	pp. 1-7.				
IB	B "Palla Tech Pd an Pd Alloy Processes - Procedure for the Analysis of Additive IVS in Palla Tech Plating Solutions by HPLC," Technical Bulletin, Electroplating Chemicals & Services, 029-A, Lucent Technologies, , pp. 1-5, 1996						
15	/m 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2						
	B.C. Hancock et al., "Molecular M Temperatures," Pharmaceutical Re	obility of Amorphous Pharmaceutical Solids Esearch 12, 799-806 (1995)	Below Their Glass Transition				
EXAMINER	EXAMINER DATE CONSIDERED 30 D 10 (1)						

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			Attorney Docket No.: 16770-004400US Applicat			09/812,755			
LIST OF P	ATENTS AND PUBL	ATIONS FOR	Applicant: Joseph P. Loeffler						
	NT'S INFORMATION ENT (Use several sheets		Filing Date: March 20, 2001		Group: 3761				
	Designation		J.S. PATENT DOCUMENT	Page 1					
Examiner In	itial Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)			
( A)	809,159	01/02/1906	Willis et al.						
Al	3 2,383,098	08/21/1945	Wheaton						
A(	4,101,041	07/18/1978	Mauro, Jr. et al.						
AI	4,964,521	10/23/1990	Weiland et al.						
AI	5,213,860	05/25/1993	Laing						
AI	5,819,730	10/13/1998	Stone et al.		RECEIV	/ED			
	5,878,900	03/09/1999	Hansen		AUG 13 2	002			
AI	F 5,897,008	04/27/1999	Hansen		TECHNOLOGY CEN	TED-02700			
AI	6,068,148	05/30/2000	Weiler		ECHNOLOGI CEN	1 LN N3/00			
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